

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 40211 Service: DCA Call WYBE-CD Channel: 34 (UHF)

ID: Sign:

0000027609

Number:

File

FRN: **0003761905** Date **01/09** 

Submitted: /2020

# Applicant Information

#### **Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
MULTIMEDIA NETWORK OF NC, INC Doing Business As: MULTIMEDIA NETWORK OF NC, INC	Dr.Mark Evans 110 TORREY PINES LANE PINEHURST, NC 28374 United States	+1 (910) 215- 5686	markmywords@embarqmail.com	Corporation

# Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

#### Preparer Contact Information

#### **Preparer Contact Name and Information**

ddress	Phone	Email
(	ddress	ddress Phone

The Preparer is same as the reimbursement contact.

Broadcaster Information and Transition Plan Question Response

Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	Station will submit application for construction permit (Schedule E) and estimates of equipment costs for which station is eligible for reimbursement.

Transmitters	Section	Question	Response
	Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

# Primary Transmitter

# **Existing Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	ITS-220A
	Year	1996
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	0.03 kW

# Primary Transmitter

### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	UAXTE-50
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	0.11 kW
	Justification for New Transmitter	Transmitter no longer manufactured. Parts not available to retune.

# Primary Transmitter

### **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No

	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

# Primary Transmitter

## **Other Transmitter Cost Not Listed**

Name	Description
Transmitter Rack	From Gates Air
Installation	Separately billed installation cost

## Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

# Primary Antenna

### **Existing Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Retune Existing
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Class	Class A
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Other
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A

Upper Limit	N/A
Other Antenna Type	UHF Dipole with grid reflectors
ERP: (Effective Radiated Power)	0.11 kW
Manufacturer	Scala
Model	WYBE- SCACUSTOM
Year	1996

## Primary Antenna

# **Adjustment to Existing Antenna**

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	No

## Primary Antenna

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	,

#### Primary Antenna

#### **Other Antenna Cost Not Listed**

Name	Description
Haine	Description

Feedhorns and power divider	PDL2-55-50 two-way, equal split ratio
	power divider, broadband 470-614 MHz,
	max input 100-watts with 50 ohm type.
	PRFTV-34-50 Paraflector feed assembly,
	Channel 34 (590-596 MHz)

Transmission	n <sup>Sentien</sup>	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	No

Tower
Equipment
And
Rigging
Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

## Primary Tower

### **Add Tower**

Section	Question	Response
Existing Tower	Type of change	Move Equipment
Description	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower	Do you have a tower registration number?	Yes
Structure Registration	ASR Number	1006461
Coordinates (NAD83	Latitude (NAD83)	35° 09' 58.0" N-
(North American Datum of 1983))	Longitude (NAD83)	079° 25' 11.0" W-
	Overall Structure Height	250.00 feet
	Support Structure Height	246.39 feet

Ground Elevation Above Mean Sea Level (AMSL)	479.65 feet
Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	MUIRFIELD BROADCASTING INC
Date Constructed	10/01/1990

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

Facility ID	Call Sign	Service
25204	WIOZ-FM	FM
46949	WIOZ	AM

#### Primary Tower

### **Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

### Primary Tower

Other Tower Expenses Not Listed

Information not provided.

## Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	16
	Explanation	We need technical assistance from a consulting engineer regarding configuration. This requires on-site presence of the engineer for an estimated 16 hours.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	No
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A

Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare and file Form FCC License to Cover Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	No
	Address transition timing and coordination issues w/ other stations and wireless providers	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

## Outside Professional

# Other Professional Services Expenses Not Listed

al Şervices Costs	Description
Consulting and Onsite Engineering Services	Engineering Consulting and On-Site Coordination of Equipment Required for Repacking with New Transmitter and Antenna equipment

# Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	No
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD  Notification of a Channel Change?	Yes

# Other Expenses

# Other Expenses Not Listed

Name	Description
Cable Carrier 2 Notification	Notification of Cable Carrier 2 as required
Cable Notification	Notification of Cable Carrier as required
Freight	Shipping charges for transmitter and other listed equipment
License to Cover Fee Paid to the F.C.C.	License to Cover Fee paid to the F.C.C. Advised that this is reimbursable.
Mask Filter System	Required for transmitter to broadcast FCC approved signal and channel
Medical-Cable Notification Postal	Postal receipts for notification of medical and cable facilities
Rack Screws	Required to secure transmitter to rack
Tower Crew	Necessary to climb the tower and modify antenna and install equipment.
Ethernet Switch	Device necessary to enable monitoring of transmitter as required by FCC.

# **Cost** Information

#### **Transmitters**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter UAXTE-50	\$21,456.50	\$21,456.50		\$21,456.50	
Installation	\$7,985.00	\$7,985.00	N/A	\$7,985.00	N/A
Transmitter Rack	\$3,951.50	\$3,951.50	Engineer has recommended a rack incorporating an electrical power strip. Rack must have casters to be able to move to service equipment being added as a result of the repack requirements.	\$3,951.50	N/A
UHF - Air Cooled Solid State Transmitter 0.11 kW	\$9,520.00	\$9,520.00	N/A	\$9,520.00	N/A
Sub-total	\$21,456.50	\$21,456.50	N/A	\$21,456.50	N/A
Total for all systems	\$151,884.04	\$65,441.04	N/A	\$38,388.09	N/A

## Components

Actual Information		
Description	File Name	

Installation		
	Component Description:	Installation of
		transmitter
	Amount:	\$7,985.00
Transmitter Rack		
	Component Description:	Equipment rack
		as required for
		transmitter and
		components
		already ordered.
	Amount:	\$3,951.50
UHF - Air Cooled Solid State		
Transmitter 0.11 kW	Component Description:	Transmitter

# **Cost Information**

#### **Antennas**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna WYBE- SCACUSTOM	\$7,789.00	\$7,459.00		\$1,006.05	
Feedhorns and power divider	\$1,059.00	\$1,059.00	N/A	\$1,006.05	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$7,789.00	\$7,459.00	N/A	\$1,006.05	N/A
Total for all systems	\$151,884.04	\$65,441.04	N/A	\$38,388.09	N/A

### Components

Actual Information Description	File Name	
Feedhorns and power divider		
	Component Description:	Two feedhorns
		and power
		divider as
		previously
		requested.
	Amount:	\$1,006.05
Sweep test of existing antenna	Information not provided.	

# Cost Transmission Line

**Information** Information not provided.

# Cost Information

## **Tower Equipment and Rigging Costs**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$84,200.00	\$5,000.00		\$0.00	
Short Tower (less than 500')	\$84,200.00	\$5,000.00	N/A	N/A	N/A
Sub-total	\$84,200.00	\$5,000.00	N/A	\$0.00	N/A
Total for all systems	\$151,884.04	\$65,441.04	N/A	\$38,388.09	N/A

#### Components

Information not provided.

# **Cost** Information

#### **Outside Professional Services**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$15,363.00	\$15,000.00		\$8,100.00	
Consulting and Onsite Engineering Services	\$8,100.00	\$8,100.00	N/A	\$8,100.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Project management of the transition	\$2,528.00	\$2,400.00	N/A	N/A	N/A
Sub-total	\$15,363.00	\$15,000.00	N/A	\$8,100.00	N/A
Total for all systems	\$151,884.04	\$65,441.04	N/A	\$38,388.09	N/A

### Components

Actual Information	
Description	File Name

Consulting and Onsite Engineering Services		
Engineering Services	Component Description:	Consulting and repack planning, de-installation of existing station equipment and reinstallation of retained equipment in conjunction with new Gates Air transmitter.
	Amount:	\$8,100.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Project management of the transition	Information not provided.	

# **Cost Information**

### **Other Expenses**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$23,075.54	\$16,525.54		\$7,825.54	
Mask Filter System	\$1,566.00	\$1,566.00	N/A	\$1,566.00	N/A
Freight	\$3,500.00	\$3,500.00	N/A	\$3,500.00	N/A
Cable Carrier 2 Notification	\$6.85	\$6.85	N/A	\$6.85	N/A
MVPD Notification of Channel Change	\$0.00	\$0.00	We were able to accomplish this ourselves without an outside consulting firm.	N/A	N/A
Develop and air announcement of upcoming channel change	\$3,200.00	\$3,200.00	Estimate for production costs to develop ad, replacement of broadcast spots on the air.	N/A	N/A
Equipment Delivery and Handling Charges	\$500.00	\$500.00	Quotes for transmitter and antenna specify freight to be billed at time of invoice. Estimated cost is for \$500.00	N/A	N/A

Medical-Cable Notification Postal	\$6.85	\$6.85	Please note. U.S. Postal Service does not provide written estimates, only actual costs.	\$6.85	N/A
Ethernet Switch	\$20.99	\$20.99	Estimated cost was not available. This is the actual cost and proved necessary for monitoring the new transmitter as required by the FCC.	\$20.99	N/A
Tower Crew	\$2,350.00	\$2,350.00	Upon examination of the time and crew requirements, the tower company has supplied a slightly increased estimate from the original expectation of \$2000.00 for labor and hours	\$2,350.00	N/A
Rack Screws	\$33.00	\$33.00	N/A	\$33.00	N/A
License to Cover Fee Paid to the F. C.C.	\$335.00	\$335.00	N/A	\$335.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,000.00	N/A	N/A	N/A

Cable Notification	\$6.85	\$6.85	N/A	\$6.85	N/A
Sub-total	\$23,075.54	\$16,525.54	N/A	\$7,825.54	N/A
Total for all systems	\$151,884.04	\$65,441.04	N/A	\$38,388.09	N/A

# Components

Actual Information Description	File Name	
Mask Filter System	Component Description: Amount:	Mask Filter \$1,566.00
Freight	Component Description: Amount:	Freight \$3,500.00
Cable Carrier 2 Notification	Component Description: Amount:	Cable Carrier Notification Postal Receipt \$6.85
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Delivery and Handling Charges	Information not provided.	
Medical-Cable Notification Postal	Component Description:  Amount:	Postal Service notification of medical facility as required \$6.85

	Amount:	receipt \$6.85
	Component Description:	Cable Carrier notification postal
Cable Notification		
DTV Medical Facility Notification	Information not provided.	
	Amount:	\$335.00
		paid for :License to Cover
License to Cover Fee Paid to the F.C.C.	Component Description:	Reimbursable Fee
	Amount:	\$33.00
Rack Screws	Component Description:	Rack Screws
	Amount:	\$2,350.00
	Amazut	antenna.
		repack modification to
		required by the
	Component Dood liption	services as
Tower Crew	Component Description:	On site tower
	Amount:	\$20.99
		required by the FCC.
		transmitter as
		monitor the new
		switch is necessary to
		available. Ethernet
		Amazon's is not
		Inc, the licensee.
		Network of NC,
		that of Multimedia
	Component Description:	EIN listed above is that of Multimedia

# Cost Information

### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$151,884.04	\$65,441.04	\$38,388.09

Reimbursem	envestiatus	Response
	The facility has ceased operating on its preauction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	Yes
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Section Question Response

# Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
  Person signing
  below certifies that he
  /she is authorized to
  submit this TV
  Broadcaster
  Relocation Fund
  Reimbursement
  Form on behalf of
  the above-named
  entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Mark
Evans,
PhD.

President

01/09/2020

Section Question Response

#### Submission of Final Allocation or Accounting Information Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The abovenamed entity acknowledges that all certifications and attached documentation are considered material representations.
- 2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates.
- 4. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 6. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Mark
Evans ,
PhD .
President
Multimdia
Network of
NC Inc

01/09/2020

### **Attachments**